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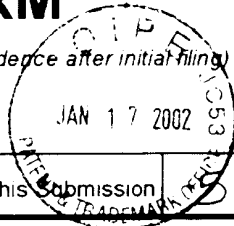


(Modified) PTO/SB/21 (6-98)
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)



Application Number	09/539,486
Filing Date	March 30, 2000
First Named Inventor	Sergey A. Selifonov
Group Art Unit	1631
Examiner Name	Zhou S.
Attorney Docket Number	02-028940US

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) receipt acknowledgment postcard
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Authorization to Charge Deposit Account

Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jonathan Alan Quine Reg. No. 41,261 The Law Offices of Jonathan Alan Quine
Signature	<i>Jonathan Alan Quine</i>
Date	November 27, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents Washington, D.C. 20231 on this date November 27, 2001

Typed or printed name	Deborah Berwick
Signature	<i>Deborah Berwick</i>
Date	November 27, 2001

**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$) 180.00**Complete if Known**

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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																		
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 50-0893 Deposit Account Name: Law Offices of Jonathan Alan Quine</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>105 130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td></tr><tr><td>127 50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet.</td></tr><tr><td>139 130</td><td>139 130</td><td>Non-English specification</td></tr><tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for reexamination</td></tr><tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr><tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr><tr><td>115 110</td><td>215 55</td><td>Extension for reply within first month</td></tr><tr><td>116 400</td><td>216 200</td><td>Extension for reply within second month</td></tr><tr><td>117 920</td><td>217 460</td><td>Extension for reply within third month</td></tr><tr><td>118 144</td><td>218 720</td><td>Extension for reply within fourth month</td></tr><tr><td>128 0</td><td>228 980</td><td>Extension for reply within fifth month</td></tr><tr><td>119 320</td><td>219 160</td><td>Notice of Appeal</td></tr><tr><td>120 300</td><td>220 150</td><td>Filing a brief in support of an appeal</td></tr><tr><td>121 260</td><td>221 130</td><td>Request for oral hearing</td></tr><tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td></tr><tr><td>140 110</td><td>240 55</td><td>Petition to revive - unavoidable</td></tr><tr><td>141 1,280</td><td>241 640</td><td>Petition to revive - unintentional</td></tr><tr><td>142 1,280</td><td>242 640</td><td>Utility issue fee (or reissue)</td></tr><tr><td>143 430</td><td>243 215</td><td>Design issue fee</td></tr><tr><td>144 580</td><td>244 290</td><td>Plant issue fee</td></tr><tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td></tr><tr><td>123 50</td><td>123 50</td><td>Petitions related to provisional applications</td></tr><tr><td>126 180</td><td>126 180</td><td>Submission of Information Disclosure Stmt</td></tr><tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td></tr><tr><td>146 690</td><td>246 345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td></tr><tr><td>149 690</td><td>249 345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td></tr></tbody></table> <p>Other fee (specify): _____ Other fee (specify): _____</p> <p>Reduced by Basic Filing Fee Paid</p> <p>SUBTOTAL (3) (\$) 180.00</p>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	105 130	205 65	Surcharge - late filing fee or oath	127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	139 130	139 130	Non-English specification	147 2,520	147 2,520	For filing a request for reexamination	112 920*	112 920*	Requesting publication of SIR prior to Examiner action	113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	115 110	215 55	Extension for reply within first month	116 400	216 200	Extension for reply within second month	117 920	217 460	Extension for reply within third month	118 144	218 720	Extension for reply within fourth month	128 0	228 980	Extension for reply within fifth month	119 320	219 160	Notice of Appeal	120 300	220 150	Filing a brief in support of an appeal	121 260	221 130	Request for oral hearing	138 1,510	138 1,510	Petition to institute a public use proceeding	140 110	240 55	Petition to revive - unavoidable	141 1,280	241 640	Petition to revive - unintentional	142 1,280	242 640	Utility issue fee (or reissue)	143 430	243 215	Design issue fee	144 580	244 290	Plant issue fee	122 130	122 130	Petitions to the Commissioner	123 50	123 50	Petitions related to provisional applications	126 180	126 180	Submission of Information Disclosure Stmt	581 40	581 40	Recording each patent assignment per property (times number of properties)	146 690	246 345	Filing a submission after final rejection (37 CFR 1.129(a))	149 690	249 345	For each additional invention to be examined (37 CFR 1.129(b))
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SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Jonathan Alan Quine	Reg. Number	41,261
Signature	Jonathan Alan Quine	Date	11/27/01
		Deposit Account User ID	

CERTIFICATE OF MAILING	
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Typed or Printed Name	Deborah Berwick
Signature	Deborah Berwick
Date	November 27, 2001

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Assistant Commissioner for Patents,
Washington, D.C. 20231.

On November 27, 2001

The Law Offices of Jonathan Alan Quine

By Deborah Berwick
Deborah Berwick



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RECEIVED

Attorney Docket No. 02-028940US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sergey A. Selifonov, *et al.*

Application No.: 09/539,486

Filed: March 30, 2000

For: Methods for Making Character
Strings, Polynucleotides and Polypeptides
Having Desired Characteristics

Examiner: Zhou S.

Art Unit: 1631

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

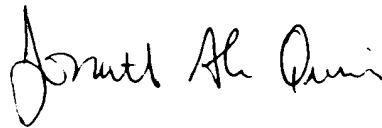
The references cited on attached form PTO-1449 are being called to the
attention of the Examiner. Copies of the references are enclosed. It is respectfully requested
that the cited information be expressly considered during the prosecution of this application,
and the references be made of record therein and appear among the "references cited" on any
patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed after the mailing date of the first Office Action and more than three months after the filing date, but prior to the Notice of Allowance or Final Office Action.

Please deduct \$180.00, pursuant to 37 CFR §1.17(p), from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jonathan A. Quine". The signature is fluid and cursive, with the first name "Jonathan" being more prominent.

Jonathan A. Quine
Reg. No. 41,261

The Law Offices of Jonathan Alan Quine
P.O. Box 458
Alameda, CA 94501
Tel: (510) 337-7871
Fax: (510) 337-7877

JAQ:db

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/539,486
	Filing Date	March 30, 2000
	First Named Inventor	Sergey A. Selifonov
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	Examiner Name	Zhou S.
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U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			

FOREIGN PATENT DOCUMENTS								
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		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	AA	DIATCHENKO ET AL. (1996) "Suppression subtractive hybridization: A method for generating different regulated or tissue-specific cDNA probes and libraries." PNAS USA 93:6025-6030	
	AB	SHAO ET AL. (1998) "Random-priming in vitro recombination: an effective tool for directed evolution." <i>Nucleic Acids Research</i> 26(2):681-683	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.